

Substitute for Form 1449 A & B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/758,118
		Confirmation Number	5044
		Filing Date	January 16, 2004
		First Named Inventor	Juergen HARTMAIER
		Art Unit	2872
		Examiner Name	Ricky D. SHAFER
Sheet 1 of 1	of 1	Attorney Docket Number	Q79392

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
ND		US 2003/0099047	A1	05-29- 2003	Hoffman et al.
ND		US 2004/0227988	A1	11-18-2004	Albert et al.
		US			
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		US			
		US			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		BURNETT J H et al., "INTRINSIC BIREFRINGENCE IN CALCIUM FLUORIDE AND BARIUM FLUORIDE", PHYSICAL REVIEW, B. CONDENSED MATTER, AMERICAN INSTITUTE OF PHYSICS, NEW YORK, US, Bd. 64, Nr. 24, 15 December 2001, pages 241102-1-241102-4, XP002218846	
ND		PASTRNAK J et al., "OPTICAL ANISOTROPY OF SILICON SINGLE CRYSTALS", PHYSICAL REVIEW B (SOLID STATE), 15 APRIL 1971; USA, Bd. 3, Nr. 8; pages 2567-2571, XP-001109107	
ND		CHRIS VAN PESKI; Memo to PAG Members; "Re: BIREFRINGENCE OF CALCIUM FLUORIDE", written 7 May 2001; XP-002218847	
ND		CHRIS VAN PESKI; Memo to Exposure Tool Manufacturers and Lens Designers; "Re: BIREFRINGENCE OF CALCIUM FLUORIDE", written 7 May 2001; XP-002218848	
ND		BURNETT J H et al., "INTRINSIC BIREFRINGENCE IN 157 nm MATERIALS" at 2 <sup>nd</sup> International Symposium on 157nm Lithography in Dana Point, California on 15 May 2001-XP-002218849	

Examiner Signature	<i>ND shp</i>	Date Considered	6/24/2007
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.



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Sheet 1 of 2

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		Number	Kind Code <sup>2</sup> (if known)		
		US 2003/0011896	A1	01-16-2003	Shiraishi et al.
		US			
		US			
		US			
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		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		WO	02093209	A2	11-21-2002	CARL ZEISS SEMICONDUCTOR MANUFACTURING TECHNOLOGIES AG	Abstract

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
RDJ		JOHN H. BURNETT et al., Symmetry of spatial-dispersion-induced birefringence and its implications for CaF <sub>2</sub> ultraviolet optics, J. Microlith., Microfab., Microsyst., pages 213-224, Vol. 1 No. 3, October 2002, 2002 Society of Photo-Optical Instrumentation Engineers.	

Examiner Signature	R.D. Shafer	Date Considered	6/24/2007
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